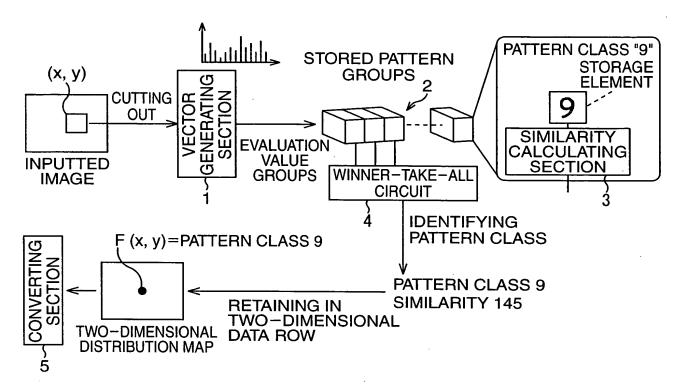
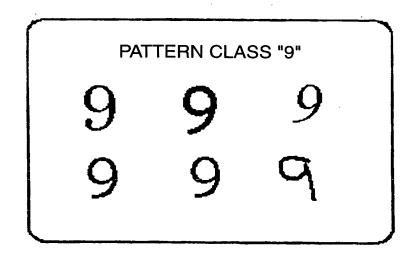
FIG. 1A



SCHEMATIC DIAGRAM OF WHOLE SYSTEM

FIG. 1B



0123456789

DHARACTERS OF 72PT TIMES NEW ROMAN FONT USED AS TEMPLATES

FIG. 3

ABCDEFG 0123456789

FIG. 4

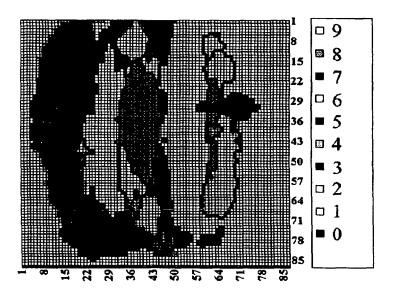


FIG. 5

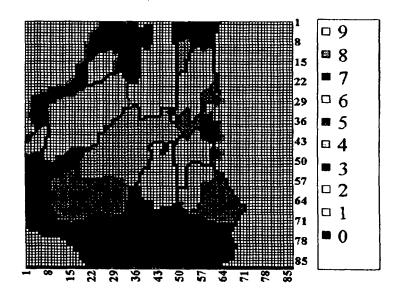


FIG. 6

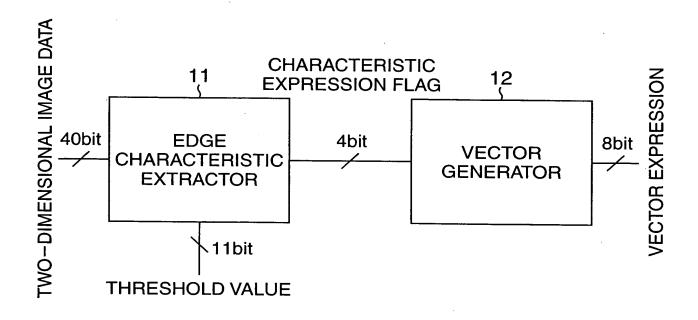


FIG. 7

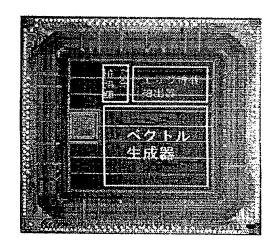


FIG. 8

UTILIZING EDGE CHARACTERISTIC EXTRACTOR

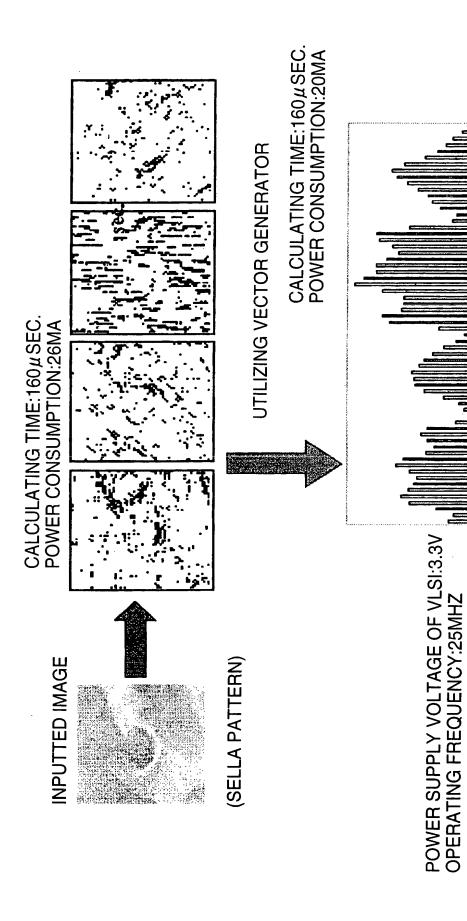
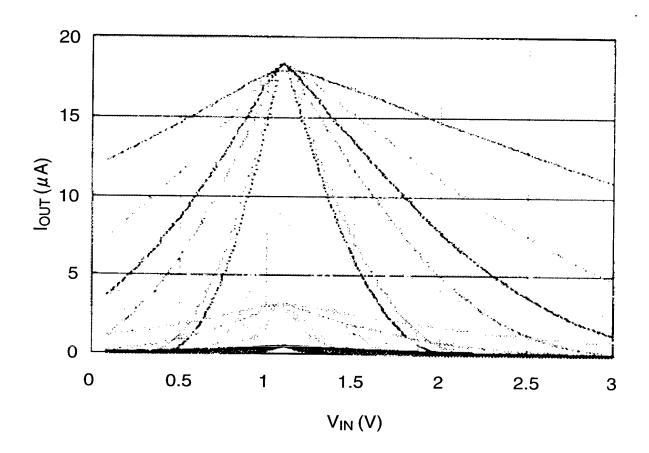


FIG. 9

FIG. 10



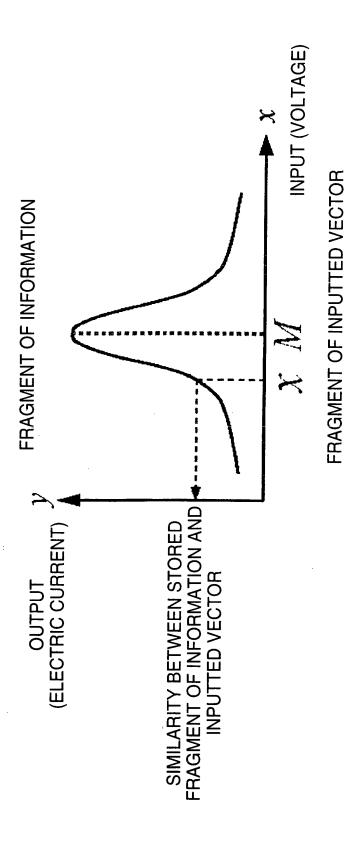


FIG. 12

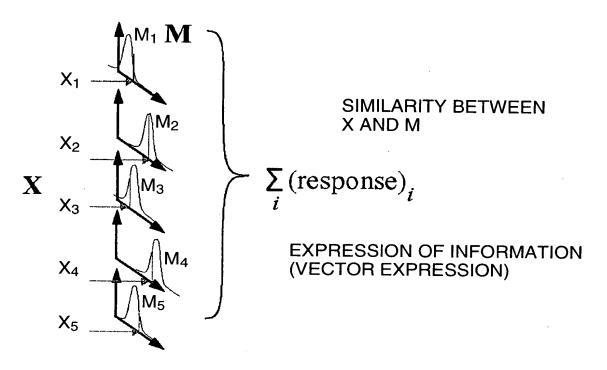
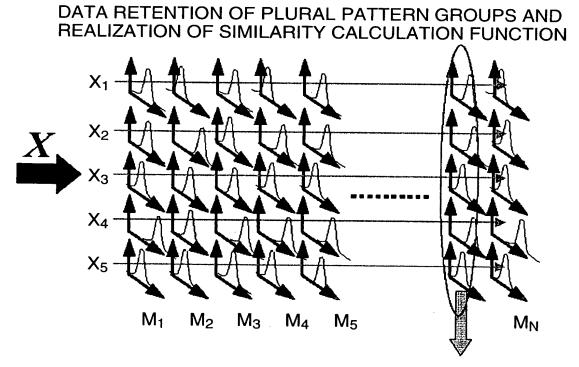
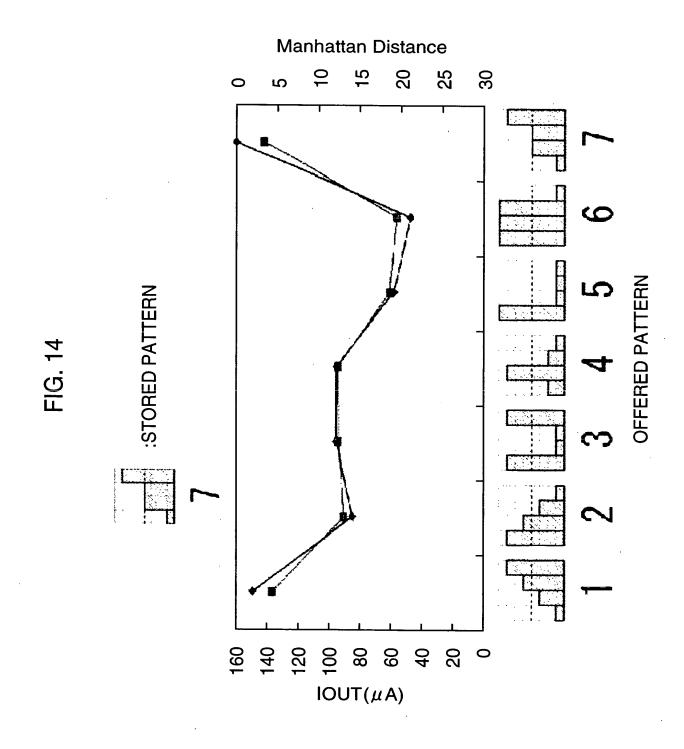


FIG. 13



THE MOST SIMILAR PATTERN CLASS



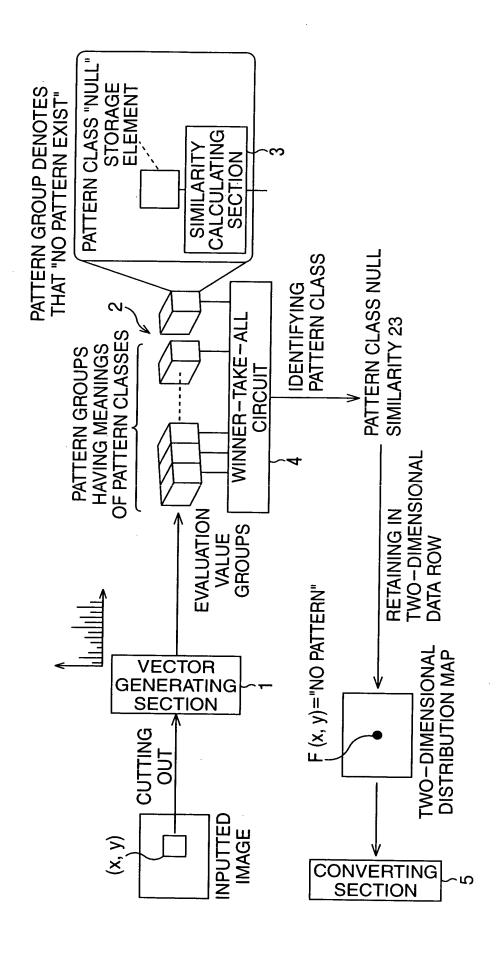


FIG. 16

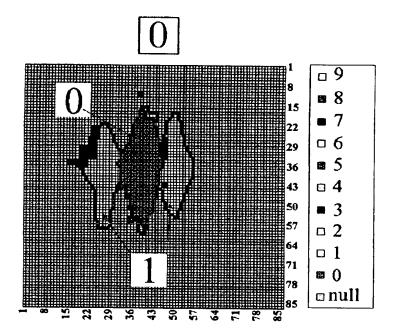


FIG. 17

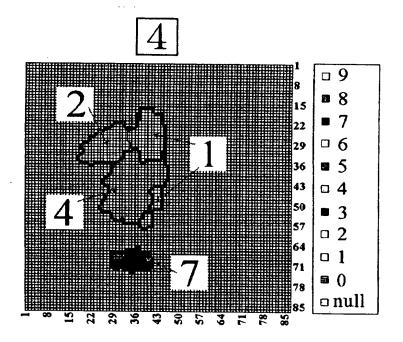


FIG. 18

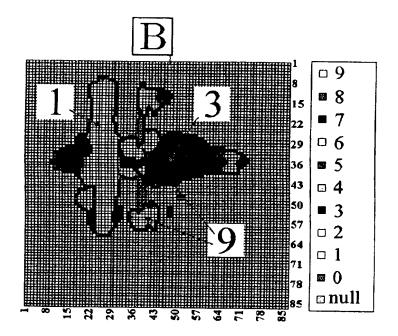


FIG. 19A

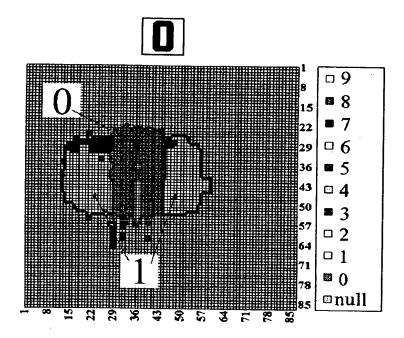


FIG. 19B

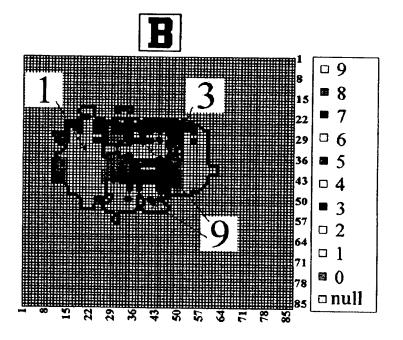


FIG. 20A

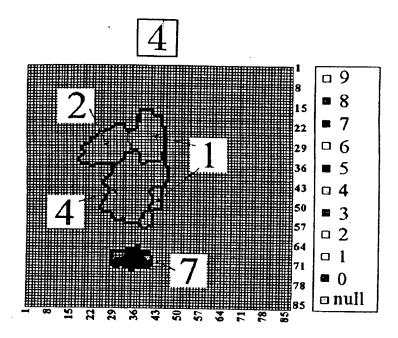


FIG. 20B

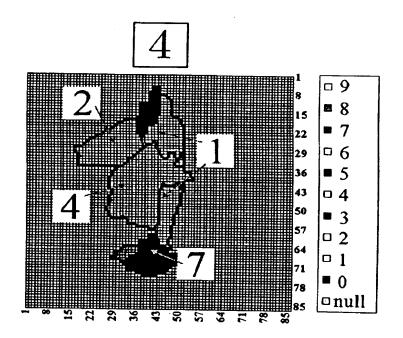


FIG. 21A

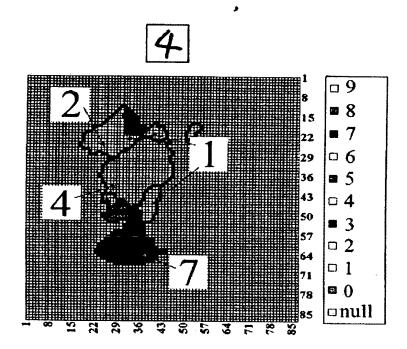


FIG. 21B

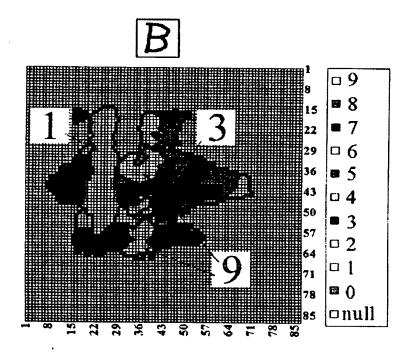


FIG. 22

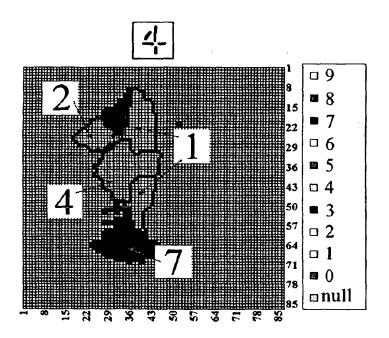


FIG. 23A

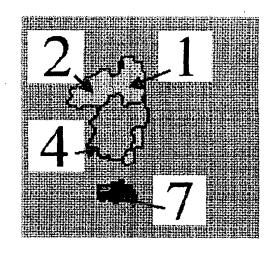


FIG. 23B

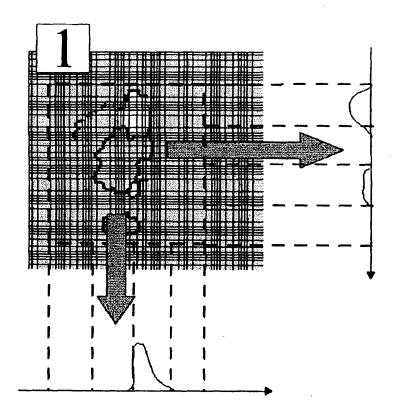
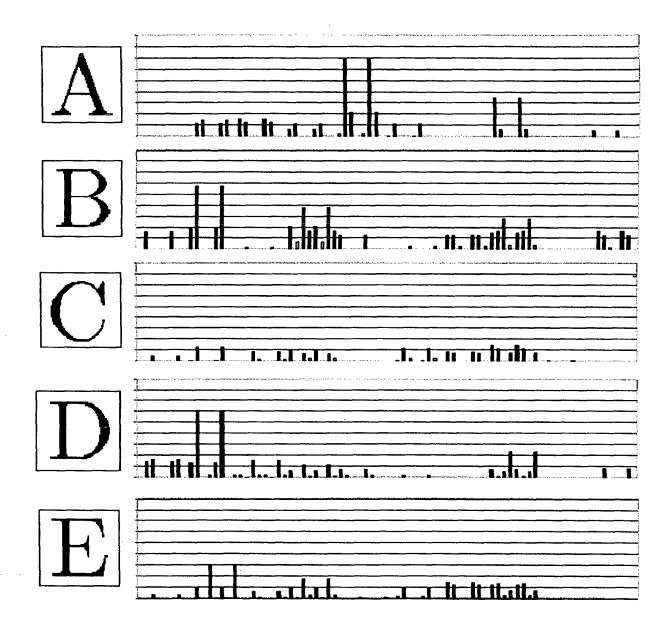
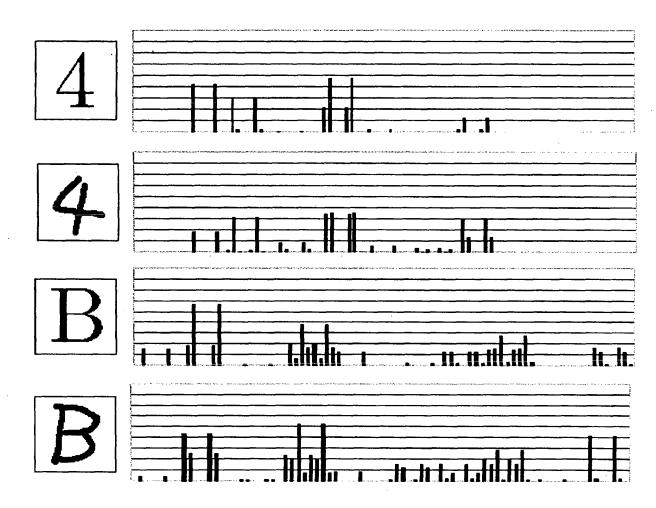


FIG. 24





EXAMPLES OF ONE-DIMENSIONAL MUMERIC VALUES (VECTORS)
GENERATED BY DISTRIBUTION MAPS
(NUMERIC CHARACTER "4" OF 72 PT EUCLID FONT
AND HAND WRITTEN CHARACTER "4")

FIG. 26

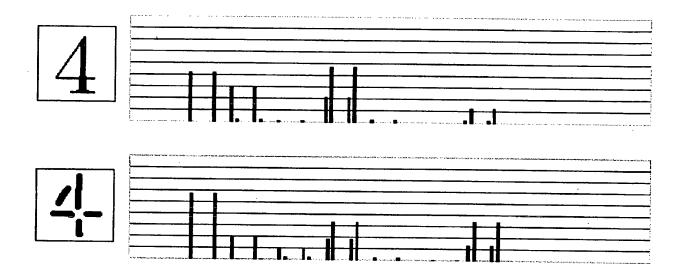


FIG. 27

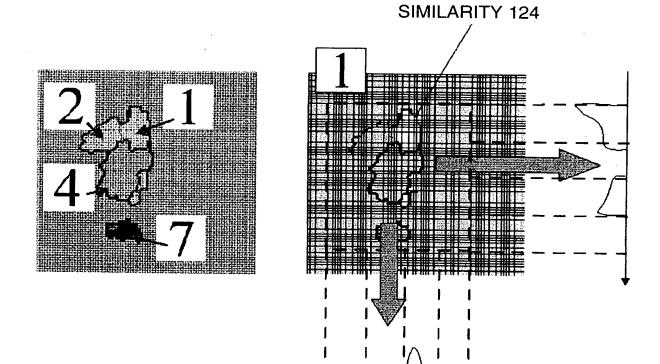


FIG. 28

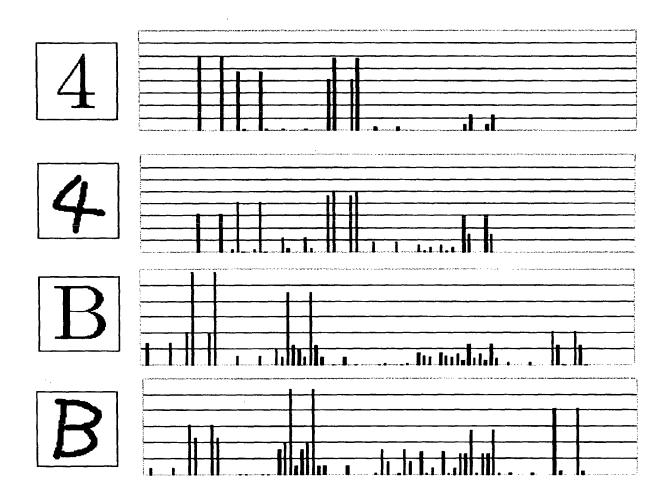


FIG. 29

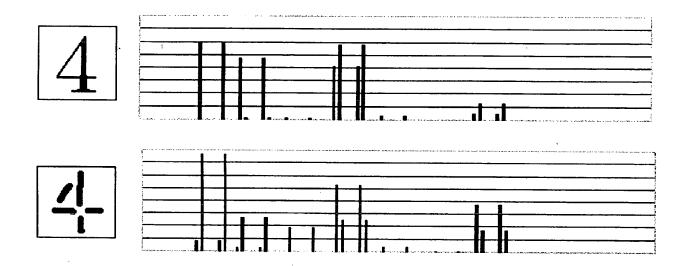


FIG. 30

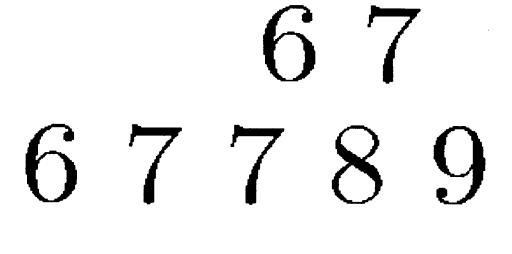


FIG. 31

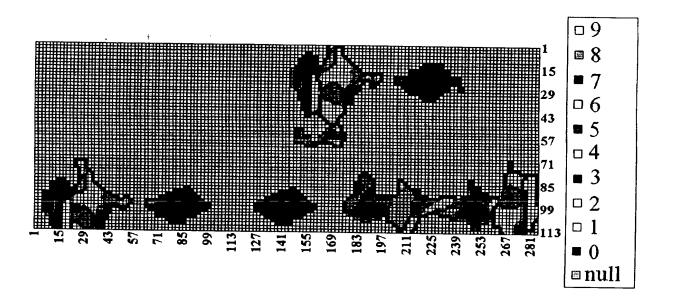


FIG. 32



FIG. 33

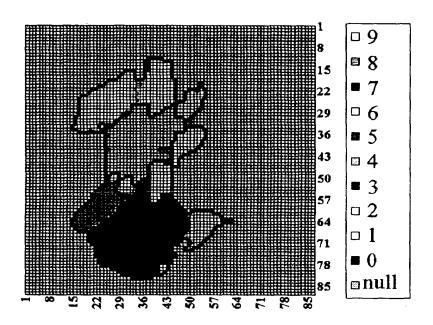
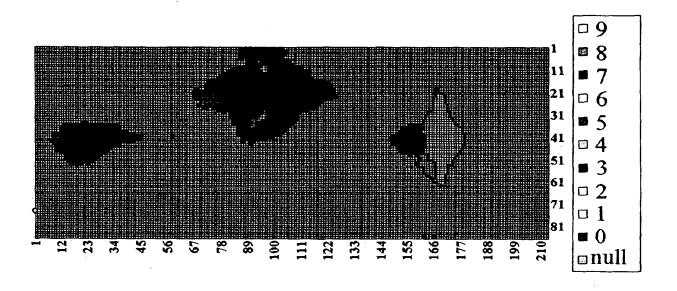
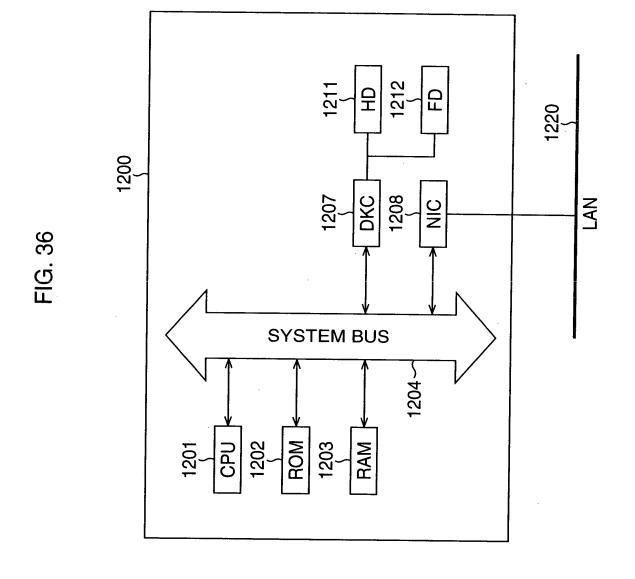


FIG. 34

FIG. 35





ILL-DEFINED VECTORS

